Md Muktada Ansari

Associate Trainee Engineer

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Summary

Python Developer with one year of experience in designing and developing scalable web applications. Proficient in Django, APIs, MySQL, and AWS. Strong problem solving skills with experience in back-end development. Dedicated to writing optimized, scalable, and maintainable code. Looking to contribute technical expertise to innovative projects.

Education

Dayananda Sagar College of Engineering   **Aug. 2018 – Aug 2022**
B.Tech-Mechanical Engineering   *Bengaluru, Karnataka, India*

Technical Skills

Languages: Python, HTML/CSS, SQL
Frameworks: Django, Django MVT, DRF
Tools: VS Code, Pycharm, Jupyter Notebook, GitHub, Jira
Cloud CI/CD: AWS, Jenkins
API: Rest

Experience

CMS IT Services   **April 2024 – Current**
Associate Trainee Engineer   *Bangalore, India*

- Developed and maintained high-performance web applications using Django, reducing API response time by 30% through query optimization.
- Automated deployment pipelines with GitHub Actions and Jenkins, improving deployment efficiency and reducing downtime.
- Worked with MySQL designing efficient database schemas.
- Configured CI/CD pipelines with GitHub Actions, Jenkins, or GitLab CI/CD.
- Collaborated with cross-functional teams to design software solutions aligned with client requirements.

Palle Technologies   **Aug 2022 – Jan 2023**
Python Developer   *Bangalore, Karnataka*

- Developed and maintained web applications using Python and Django, improving application performance.
- Worked with MySQL for designing and managing efficient database schemas.
- Collaborated with senior developers in debugging and optimizing existing codebases.

Projects

Task Management Web App | *Python, Django, MySQL*

- Improved task processing efficiency by 40% using Celery and Redis for background job execution.
- Developed RESTful APIs to handle task creation, updates, and status tracking.
- Optimized database queries using Django ORM to enhance performance and reduce load times.
- Implemented background task processing using Celery and Redis for automated task reminders.

Smart-Dash Web Application | *Python, Django, Rest Api, MySQL*

- Developed a real-time dashboard with dynamic data visualization and analytics.
- Designed and implemented scalable RESTful APIs for seamless data retrieval and integration.
- Optimized API responses by 25% using caching and database indexing strategies.
- Automated CI/CD pipelines with Jenkins for smooth deployment on AWS.

Certification

- Certified Python and Django Developer
- Amazon Web Services
- MySQL Database Administration
- System Design

Achievements

- Awarded "2nd position" in Robo-race at IIT Bombay, .
- Successfully presented and led a technical workshop on "coding with Django," in college, attended by 50+ participants.